

I Claim

1. An improved gaming device for a player to play a series wagering game plays $A_1 \dots A_N$ of the type that, for each play, produces at least one of a winning or losing outcome, and where, if a losing outcome is produced, the player loses their wager on that play, and where, if a winning outcome is produced, the player wins an award based upon their wager, said device comprising:

an electronic display;

means to select and display at said display game indicia according to the rules of the game to serially produce said game play outcomes;

a processor;

a data input device in communication with said processor for a player to input a wager for each of said game plays, said input device having a plurality of wager value input keys arranged according to at least one wager strategy for determining the wager amount for a play based upon at least whether the next preceding game play outcome, data corresponding to said wager amount stored by said processor;

means for a player, for a first game play A_1 according to said wager strategy, to select with said input device an initial wager W , data corresponding to said selected initial wager transmitted to said processor;

said processor configured to determine if the outcome of play A_1 is a winning or losing outcome, said data input device value input keys operable by the player based upon said outcome of play A_1 to input the game wager for the

next play based upon said strategy.

2. The improved device of claim 1 comprising said data input device configured to include an input key to input the wager for the next play which inputs the wager for the next play according to the wagering strategy of

5
$$\text{Play Wager} = W \times 2^{(\text{number of consecutive losing outcomes})}$$

3. The improved device of claim 1 comprising said data input device configured to include an input key to input the wager for the next play which that inputs the wager for the next play according to the wagering strategy of

$$\text{Play Wager} = W \times 2^{(\text{number of consecutive winning outcomes})}$$

10 4. The improved device of claim 1 comprising said data input device having an input key to input the wager for the next play according to the wagering strategy of,

$$\text{Play Wager} = W + (M \times \pm 1 \text{ wager unit})$$
, where M is equal to the number of consecutive wins (+) or losses (-).

15 5. The improved device of claim 1 comprising said input device having a wager input key actuation of which by the player doubles the next preceding game wager.

6. The improved device of claim 5 comprising said processor configured to define a maximum game play wager and to interrupt actuation of said key for doubling the game play wager when said resulting wager would exceed said maximum game play wager.

20

7. The improved device of claim 1 comprising said input device having a wager input key actuation of which by the player halves the next preceding game wager.

5 8. The improved device of claim 7 comprising said processor configured to define a minimum game play wager and to interrupt actuation of said key for halving the game play wager when said resulting wager would be less than said minimum game play wager.

9. The improved device of claim 1 comprising said input device having wager input keys actuation of which by the player increases or decreases the next
10 preceding game play wager by one unit for the game play wager.

10. The improved device of claim 1 comprising said processor configured to control the display to display data corresponding to the historical game play wagers input by the play for a plurality of the preceding plays to the player.

11. The improved device of claim 1 comprising said processor configured to
15 include data corresponding to at least one wagering strategy, to compare the data corresponding to the player's preceding game wagers to said wagering strategy data and if there is a correspondence to control the display to display to the player data corresponding to the value for the next game play wager according to said strategy.

20 12. The improved device of claim 11 comprising said input device having an input keys actuation of which by the player controls the processor to display data corresponding to the initial game play wager to be made according to said wager strategy.

13. A method for a player to play a series wagering game plays A_{1-N} of the type that, for each play, produces at least one of a winning or losing outcome and where, if a losing outcome is produced, the player loses their wager on that play and where if a winning outcome is produced the player wins an award based upon their wager, said method comprising:

providing an electronic display to display data to the player and a processor;

selecting and displaying at said display game indicia according to the rules of the game to serially produce said game play outcomes;

the player inputting data with an input device to input a wager for each of said game plays using wager value input keys arranged according to at least one wagering strategy for determining the wager amount for a play based upon at least at least whether the next preceding game play outcome;

storing the wagers input by the player in said processor;

for a first game play A_1 according to said wager strategy, selecting with said input device an initial wager W ;

said processor determining if the outcome of play A_1 is a winning or losing outcome and operating said data input device value input keys based upon said outcome of play A_1 to input the game wager for the next play based upon said strategy.

14. The method of claim 13 comprising configuring said data input device to include an input key to input the wager for the next play according to the wagering strategy of

$$\text{Play Wager} = W \times 2^{(\text{number of consecutive losing outcomes})}$$

15. The method of claim 13 comprising configuring said data input device to include an input key to input the wager for the next play according to the wagering strategy of

5
$$\text{Play Wager} = W \times 2^{(\text{number of consecutive winning outcomes})}$$

16. The method of claim 13 comprising said configuring said data input device having an input key to input the wager for the next play according to the wagering strategy of,

10
$$\text{Play Wager} = W + (M \times \pm 1 \text{ wager unit})$$
, where M is equal to the number of consecutive wins (+) or losses (-).

17. The method of claim 13 comprising configuring said input device to have a wager input key, the player doubling their wager from the next preceding wager by actuation of said key.

15 18. The method of claim 17 comprising defining a maximum game play wager and said processor interrupting actuation of said key for doubling the game play wager when said resulting wager would exceed said maximum game play wager.

19. The method of claim 13 comprising configuring said input device to have a wager input key, the player halving the game play wager from the next preceding game wager by actuation of said key.

20 20. The method of claim 19 comprising defining a minimum game play wager and said processor interrupting actuation of said key for halving the game play wager when said resulting wager would be less than said minimum game play wager.

21. The method of claim 13 comprising configuring said input device to have wager input keys, actuating of which by the player increases or decreases the next preceding game play wager by one unit for the game play wager.

22. The improved device of claim 13 comprising said processor controlling the display to display data corresponding to the historical game play wagers input by the play for a plurality of the preceding plays to the player.

23. The improved device of claim 13 comprising said processor comparing configured to include data corresponding to at least one wagering strategy, to compare

24. The improved device of claim 13 comprising comparing the data corresponding to the player's preceding game wagers to said wagering strategy data and if there is a correspondence to control the display to display to the player data corresponding to the value for the next game play wager according to said strategy. said input device having an input keys actuation of which by the player controls the processor to display data corresponding to the initial game play wager to be made according to said wager strategy.

25. A system to facilitate a player to alter their wager between the play of hands according to a selected wagering system for a wagering game comprising:

an electronic or electro-mechanical device for a player to enter an amount of a wager to play the next round of play, said device including a plurality of input keys;

means to input wagers according to said wagering system ;

an electronic display to display data to the player concerning the player's wager amount; and

means for the player to prompt initiate the play of the game with the selected wager.

5 26. The system of claim 25 comprising said device including a plurality of input keys for making at least the following wagers in relation to the wager (W) for the previous round of play (i) same wager, (ii) double the wager.

27. The system of claim 26 comprising an additional input key for removing the wager..

10 28. The system of claim 26 comprising said device including a plurality of input keys for making at least the following additional wager in relation to the wager (W) for the previous round of play: half the wager.

29. The system of claim 25 comprising said device including a plurality of input keys for making at least the following additional wagers in relation to the wager (W) for the previous round of play (i) same wager, (ii) double the wager (iii) $W + X$, where X is a predetermined integer, (iv) $W - X$ or (v) $Y \times X$ where Y is a preselected integer.

30. The system of claim 25 comprising a display that shows the progress of the current betting series.

20 31. The system of claim 30 comprising the ability to directly select the equivalent wager displayed in the current betting series display as our active wager.

32. The system of claim 25 comprising an input key for placing a wager of the size indicated by the specified betting system and the prior betting history.

33. The system of claim 32 comprising an input key for advancing to any bet amount within the betting system series

5 34. The system of claim 32 comprising an input key for backing up to any bet amount with the given betting system series.

35. The system of claim 32 comprising game specific adjustments that take into account the effect of mid-play betting adjustments and that take into account commission fees on winnings.

10 36. A method for facilitating wagering on successive rounds of play of a game according to a predetermined wagering strategy comprising:

providing an electronic or electro-mechanical device for a player to enter an amount of a wager to play the next round of play, said device including a plurality of input keys;

15 configuring said keys to enable the inputting of wagers according to said wagering system ; and

displaying data to the player concerning the player's wager amount.